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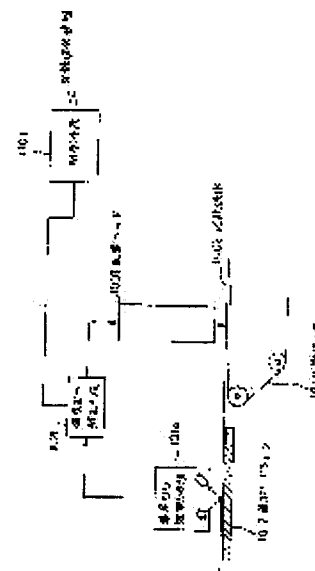
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(54) IMAGE FORMATION DEVICE

(57)Abstract:

PURPOSE: To ensure that data is read stably, if a medium for recording is changed and appropriate correction data can be prepared for any density variation by allowing an area to be averaged to change when an average value is determined in accordance with the type of a medium for recording and other recording parameters in preparing correction data using the average value of data segments which are read by a density reading device.

CONSTITUTION: To correct the density variation of data recorded by a recording head 1001, a density variation reading device 1014 reads a test pattern formed on a medium for recording 1002 using the recording head 1001. A density variation correction device 1020 corrects drive parameters for the reading head in accordance with density variations which are read from a test pattern. In addition, a plate 1017 controls a medium for recording plainly at a test pattern reading position. A control device 1101 sets a change in the area to be averaged in accordance with recording parameters such as the type of a medium for recording. Consequently, it is possible to read or correct a density variation accurately regardless of the type of a medium for recording in which a test pattern is formed.

LEGAL STATUS

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